Test Consultant

1. **Responsibility of Testing**- testing and quality, shaping the strategy and guiding the teams on how to do so in the best way.
2. **Technical Skills** - need to have a certain technical understanding, writing some quality automation and continuous integration pipelines are great skills to have.
3. **Progression**- Progression can be achieved through looking to improve on the areas you are weakest in, to move towards being a Full Stack Tester.

Behaviours

1. Analytical thinking - strategies and tool selection
2. Continuous feedback- clear, actionable feedback
3. Focus on quality.
4. Bigger picture view- excellent understanding of your domain
5. Collaborative- advocating pairing and mobbing activities
6. Communicative- having empathy for someone is the first step to understanding them.
7. Pragmatic- recognise these situations and react accordingly.
8. Creative thinking- ability to think outside the box and come up with solutions.

## Responsibilities

## Basics:

#### Test Consultant specifics

## Take responsibility for popularising the test strategy for the team.

## To be an advocate.

## Keeping up to date with the industry.

## Automation Strategy- where and when automation is targeted and executed.

1. Building great relationships
2. Figuring stuff out
3. Leading the Infinity Works way
4. Developing Infinity Works
5. Embracing change and ambiguity
6. Thinking differently
7. Contributing to the Continuous Integration/Delivery strategy
8. Help to ensure the right thing is being built.
9. Ensure you understand the needs of the project you are working on.
10. Non-functional requirements

Advanced:

#### Test Consultant specifics

1. Lead the development and implementation of the testing strategy.
2. Excellent understanding of the status of your project
3. Work with the Product Owner or relevant person to translate the business requirements.
4. Drive the CI/CD strategy.
5. Drive the creation of good automation, targeted at the right areas, and executed at the right time in the right place.
6. Potentially lead on tool selection for the project
7. Help the client to make the product as testable as possible.
8. Get involved with value-add testing activities.
9. To improving the quality of testing.
10. Contributing to the continued success of the Test Community
11. Help to train and mentor other Test Consultants within Infinity Works
12. Get involved with testing recruitment and/or external testing events within the community.

Techniques:

### Customer focused:

1. Active participant and leading three amigos’ sessions
2. Writing and reviewing acceptance criteria
3. Participating in and leading sprint reviews, demos, and retrospectives
4. Cross-functional and system design sessions

Test Strategy:

1. What tools should be used and why?
2. An environment management strategy
3. Influence team ways of working and make them part of the overall test strategy.
4. What will be automated and what areas of the product with the automation target?
5. Involve the whole team in the strategy creation and ensure they are all behind it.
6. Regular reviews of the strategy

Testing Techniques:

1. Implement session-based exploratory testing when appropriate.
2. Look at the testability of the product and the project and improve this where possible.
3. Analysing risk in the product and targeting the appropriate areas

Automation:

1. Tool and language selection
2. Creation of automation frameworks
3. Creation of automated tests and reviewing of other team member's tests
4. Paying attention to code coverage
5. Pairing and mobbing with team members and contributing to the unit and integration tests.

Non-Functional:

1. Perform and drive accessibility testing.
2. Advise on and influence security testing of the product.
3. Getting involved with the test creation and strategy.

CI/CD:

1. Creation and maintenance of pipelines to aid continuous integration and delivery.
2. Involvement in tool selection and helping to choose the right tool.